

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TADASHI MATSUSHITA	05/13/2016
WOLFGANG VOEGELI	05/20/2016
TETSURO SHIRASAWA	05/31/2016
TOSHIO TAKAHASHI	05/13/2016
ETSUO ARAKAWA	05/20/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTER-UNIVERSITY RESEARCH INSTITUTE CORPORATION HIGH ENERGY ACCELERATOR RESEARCH ORGANIZATION
<b>Street Address:</b>	1-1 OHIO, TSUKUBA-SHI
<b>City:</b>	IBARAKI
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	305-0801
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14651813
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(860)632-8269
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	860-632-7200
<b>Email:</b>	miron@mkgip.com
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<b>Address Line 1:</b>	306 INDUSTRIAL PARK ROAD
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<b>Address Line 4:</b>	MIDDLETOWN, CONNECTICUT 06457
<b>ATTORNEY DOCKET NUMBER:</b>	1792-0001WOUS
<b>NAME OF SUBMITTER:</b>	ROBERT L. RISPOLI
<b>SIGNATURE:</b>	/Robert L. Rispoli/
<b>DATE SIGNED:</b>	06/05/2017
<b>Total Attachments: 6</b>	

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**ASSIGNMENT**

WHEREAS, we, as below named inventors, residing at the addresses stated below our names, are joint inventors of certain new and useful improvements in METHOD AND APPARATUS FOR MEASURING SCATTERING INTENSITY DISTRIBUTION, for which a non-provisional application was filed in the U.S. Patent and Trademark Office on June 12, 2015 and has been assigned Application No. 14/651,813, which is a national stage application of and claims priority to PCT Application No. PCT/JP2013/083064, filed December 10, 2013, and claims priority to Japanese Patent Application No. JP 2012-273064 filed on December 14, 2012.

WHEREAS, we possess the entire right, title and interest in the foregoing invention, free from all encumbrances, and has full right to convey his part or all of his interest, and

WHEREAS, Inter-University Research Institute Corporation High Energy Accelerator Research Organization (hereinafter referenced as ASSIGNEE), a Japanese corporation having a place of business at 1-1 Oho, Tsukuba-shi, Ibaraki 305-0801 Japan, is desirous of acquiring all rights, title and interest in, to and under said inventions, said applications disclosing the inventions and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, as joint inventors as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the full, exclusive and entire right, title and interest in the said inventions, said applications, and any divisions, continuations and reissues thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the right to sue and collect damages for past infringement, and to any other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and we hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

AND we further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to us and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

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AND we further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reexaminations, reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

AND we further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to us and will testify as to the same in any reexamination, interference or litigation related thereto;

AND we hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

\_\_\_\_\_  
Witness

Tadashi Matsushita

May 13, 2016

Tadashi Matsushita  
c/o Inter-University Research  
Institute Corp,  
1-1 Oho, Tsukuba-shi  
Ibaraki 305-0801 JP

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Date

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Witness

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Wolfgang Voegeli  
c/o Inter-University Research  
Institute Corp,  
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Date

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Tetsuro Shirasawa  
6-3-7 Kashiwanoha, Kashiwa-shi  
Chiba 277-0882 JP

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Date

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Wolfgang Voegeli  
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Ibaraki 305-0801 JP

May/20/2016  
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Witness

白澤 徹郎

5/31/2016

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Witness

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Tetsuro Shirasawa  
6-3-7 Kashiwanoha, Kashiwa-shi  
Chiba 277-0882 JP

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Docket Number: 1792-0001WOUS

_____ Witness	<u>T. Takahashi</u> Toshio Takahashi 6-1-11 Otsuka, Bunkyo-ku Tokyo 112-0012 JP	<u>May/13/2016</u> Date
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Witness

_____ Witness	_____ Etsuo Arakawa 1-2-39 Fujimi-Cho, Higashimurayama-shi Tokyo 189-0024 JP	_____ Date
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Toshio Takahashi  
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荒川悦雄

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